Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 08 Mar 2023 until 23:59 on Thursday 09 Mar 2023

Forecast Issued on Wednesday 08 Mar 2023 at 03:15

Confidence: High for a mostly fine day Wednesday, but lower for snow details later. High for becoming more unsettled with significant snow on Thursday but lower for details due to the uncertainty of the development and track of a low pressure system across the UK.

Headline for Wednesday 08 Mar 2023: Dry and cold with sunny spells, snow possible later on. Generally light winds

Mountain weather hazards on Wednesday 08 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light snow	Light snow	Light snow	Light snow
Precipitation probability					
<05%	<05%	10%	20%	30%	20%

Forecast for Wednesday 08 Mar 2023

Weather: A dry and bright morning with the odd spot of hazy sunshine breaking through. Cloud thickens up from the south during the middle part of the day, with some light snow possible from early afternoon, most probable across southern slopes.

Chance of cloud-free hill tops above 600m: 90% plus early on, lowering to 30% by evening for southern facing slopes.

Low cloud and visibility: A few patches of cloud possible above 600m at times in east, otherwise no cloud expected below the summits through the morning. Extensive cloud will push up from the south during the afternoon, with bases around 400-500m, lowering further in any snow. Visibility will be generally excellent with good panoramic views of surrounding hills, dropping to very poor in snow and low cloud later on.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 08 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 E	15/19 E	17/23 E	19/25 E	19/26 E	18/25 E	15/21 E
300	8/13 NE	11/16 E	14/21 E	14/21 E	13/21 E	12/20 E	10/17 NE
Valley	11/21 E	12/21 E	12/22 E	12/22 E	11/23 E	10/21 E	8/18 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-10	-4/-11	-2/-9	-2/-10	-3/-10	-3/-11	-4/-10
300	-1/-6	-1/-6	0/-5	0/-5	-0/-6	-1/-6	-1/-6
Valley	-1/-6	-0/-5	2/-3	2/-3	0/-4	-0/-5	-0/-4
Freezing Level*	00m	00m	00m	100m	100m	00m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note severe wind chill effect at all levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 08 Mar 2023	0mm	6.2mm	7.4mm

Forecast for Thursday 09 Mar 2023

Weather: The odd light flurry of snow, but generally dry overnight with cloud thickening. Outbreaks of snow are expected to spread northeast by mid-morning, becoming persistent and occasionally heavy during the afternoon, with lying snow drifting in the occasionally strong winds. Below about 300m, the snow then turns increasingly to rain through the evening, although some heavier bursts could still see snow to low levels.

Maximum wind: Easterly 15-20mph soon increasing 25-30mph with gusts around 40-45mph likely over higher peaks through the late morning and afternoon.

Chance of cloud-free hill tops above 600m: Near zero through the day.

Low cloud and visibility: Periods or persistent cloud above 400-500m, with patches below especially in heavy snow. Underneath the cloud visibility very good, falling to extremely poor in more persistent snow and low cloud.

Temperature: **Valleys:** Around Minus 2 Celsius in the early hours rising to Plus 2 Celsius by late afternoon.
At 600m: Around Minus 4 Celsius rising to Minus 2 through the afternoon.
Freezing level: All levels, rising to around 400m during the afternoon and evening.

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